



ISSN 0253-9896
CN 12-1116/R
CODEN TIYADG



天津医药[®]

Tianjin Yiyao

Tianjin Medical Journal

《中文核心期刊要目总览》入编期刊
中国科技核心期刊（中国科技论文统计源期刊）
RCCSE中国核心学术期刊
Abstract Journal（AJ）收录期刊
CAB Abstracts/Global Health（CABI）收录期刊
Chemical Abstracts（CA）收录期刊
EBSCOhost收录期刊
HINARI收录期刊
Index Copernicus（IC）收录期刊
InfoBase Index收录期刊
Japan Science and Technology Agency（JST）收录期刊
The Western Pacific Region Index Medicus（WPRIM）收录期刊



2022年 6月

第50卷 第6期

Vol. 50 No. 6

ISSN 0253-9896



天津市医学科学技术信息研究所 主办
Sponsor: Tianjin Health Information Research Center

天津医药

Tianjin Yiyao

月刊 1959年创刊 第50卷 第6期 2022年6月15日出版
刊名题字 郭沫若

主 管

天津市卫生健康委员会

主 办

天津市医学科学技术信息研究所

编辑出版

《天津医药》编辑部

300070 天津市和平区贵州路94号

电话 (022)23337519

E-mail: tjybjb@vip.sina.com

http://www.tjybjb.ac.cn

主 编

吴 琦

执行主编

刘英虹

印 刷

天津市恒远印刷有限公司

发 行

国内 天津市邮政报刊发行局

国际 中国国际图书贸易集团有限公司(北京399信箱,100048)

代号 M241

订 购

全国各地邮局

邮发代号6-3

邮 购

《天津医药》发行部

300070 天津市和平区贵州路96号
D座

电话 (022)23337519

定 价

每期18.00元,全年216.00元

中国标准连续出版物号

ISSN 0253-9896

CN 12-1116/R

本刊如有印装质量问题,请联系本刊编辑部调换

目 次

细胞与分子生物学

二苯乙烯苷、大黄素改善高糖诱导下小鼠海马神经元凋亡

陈钢,许永劫,黄昶煜东,林海容,杨婷婷,朱丽英,李兴,潘卫(561)

Wnt 5a在支气管肺发育不良模型中的作用机制探讨

李羽白,王军,殷静(566)

circ_0007762通过miR-18a-5p调节肺成纤维细胞自噬的机制研究

黄彬,张军,郑金旭,丁慢玲,吴妍(571)

Exendin-4对hIAPP诱导的胰岛 β 细胞凋亡的保护作用

刘辰,梁倩雯,赵济全(578)

实验研究

木瓜蛋白酶联合DNA酶法提取乳鼠原代皮层神经元及鉴定

廖益东,明江,张宇,廖一飞,徐卡娅(583)

青蒿琥酯对多囊卵巢综合征模型大鼠卵巢组织形态的影响

韦奕,张淑芬,黄梦颖,马艳(588)

大鼠缺血性脑卒中早期miR-27a表达与铁死亡的关系

张婧,孙辉,朱礼军,冯子人,杜琳,孟爱国(595)

富马酸二甲酯调控Nrf2-GPX4介导的铁死亡途径对大鼠心肌缺血/

再灌注损伤的保护作用研究

陈玉,苏建军,韩允,李颖,张伦敏,杨义,黄波(601)

临床研究

入院红细胞体积分布宽度与老年髋部骨折术后肺部感染的关系及其
预测价值

张玉,孙炜,孙维超,姜骆永,阳世伟(608)

闭式、超声引导、内科胸腔镜胸膜活检对结核性胸膜炎的诊断价值

鲍晓利,陶韬,唐楠(613)

前蛋白转化酶枯草溶菌素9与老年慢性心力衰竭患者近期不良心血管事件的关系 王小婕,李媛媛,李学善	(618)
食管癌患者血清IGFBP-2的表达与营养状态及预后的关系 白成云,李忠诚,李文军,刘洋	(622)
高血压合并急性缺血性脑卒中患者血压变异性与气温变化的关系研究 闫宇,王晓雯,谷雨萌,薛娟娟,夏晓爽,王林,李新	(627)
<i>MTHFR</i> 基因启动子甲基化与糖尿病肾病发病的关系研究 陈灵芝,钟开义,陈立国	(633)
甲状腺微小乳头状癌组织学亚型的临床病理意义及与颈部淋巴结转移的关系 杨绍时,周扬,柴慈曼,孙宁,王宏,孙宇	(638)

应用研究

基于LASSO回归的以急性脑梗死为表现的Trousseau综合征预后影响因素分析 田雨,段冉冉,赵莘瑜,李燕飞,范成河,张怡琳,王晓放	(643)
基于脑电小波指数的人工智能给药系统的临床应用 何士凤,朱泽飞,张婉月,杨贯宇,郑红雨,孙振涛	(648)
Up-to-7标准和米兰标准对多发性肝细胞癌患者肝切除术后的预后预测价值分析 张宇,吴丽君,马良,吴飞翔,向邦德,黎乐群	(653)

药物临床观察

右美托咪定不同给药方式预防小儿术后不良行为改变的比较研究 王志芬,章艳君,刘金柱	(658)
利拉鲁肽联合德谷胰岛素对2型糖尿病患者血糖波动的影响 姚明言,张靖,王杰,李志红,尹飞	(663)

综述

C-藻蓝蛋白对肝脏损伤的保护作用及机制研究进展 吕康宁,王蕾,秦松,王莉	(668)
---	-------

本期责任编辑 李鹏 本期英文责任编辑 杨卓

本期审稿专家(按拼音首字母排序)

陈怀永 陈莉明 程世翔 杜鑫 樊毫军 冯靖 李嘉 李新 刘德敏
刘洋 石继红 王广舜 王国林 王沛 温克 吴旻 张鹏 张玥
张哲成 周旋 朱红

Tianjin Medical Journal

Monthly

Established in 1959

Volume 50

Number 6

June 15, 2022

Inscription of the Journal Title GUO Moruo(郭沫若)

Responsible Institution

Tianjin Municipal Health Commission

Sponsor

Tianjin Health Information Research
Center

Editing & Publishing

Editorial Board of Tianjin Medical
Journal

94 Guizhou Road, Tianjin 300070, China

Tel 0086-22-23337519

E-mail: tjybjb@vip.sina.com

http://www.tjybjb.ac.cn

Editor-in-Chief

WU Qi(吴琦)

Chief Executive Editor

LIU Yinghong(刘英虹)

Printing

Tianjin Hengyuan Printing Co., Ltd.

Overseas Distributor

China International Book Trading
Corporation

P.O.Box 399, Beijing, China

Code No. M 241

Mail-Order

Distribution Department of Tianjin
Medical Journal

Building D, 96 Guizhou Road, Tianjin
300070, China

Tel 0086-22-23337519

CSSN

ISSN 0253-9896

CN 12-1116/R

Main Contents

Cell and Molecular Biology

Tetrahydroxystilbene glucoside and emodin improves the hippocampal neuronal apoptosis in mice induced by high glucose

CHEN Gang, XU Yongjie, HUANG Changyudong, LIN Hairong, YANG Tingting, ZHU Liying,

LI Xing, PAN Wei(561)

Mechanism of Wnt 5a in bronchopulmonary dysplasia model

LI Yubai, WANG Jun, YIN Jing(566)

The study on the mechanism of circ_0007762 regulating autophagy of lung fibroblasts through miR-18a-5p

HUANG Bin, ZHANG Jun, ZHENG Jinxu, DING Manling, WU Yan(571)

The protective effect of Exendin-4 on hIAPP-induced apoptosis of pancreatic β -cells

LIU Chen, LIANG Qianwen, ZHAO Jiquan(578)

Experimental Research

Extraction and identification of primary cortical neurons of suckling rats by papain and DNA enzyme

LIAO Yidong, MING Jiang, ZHANG Yu, LIAO Yifei, XU Kaya(583)

The effects of artesunate on ovarian tissue morphology in rats with polycystic ovary syndrome

WEI Yi, ZHANG Shufen, HUANG Mengying, MA Yan(588)

Relationship between miR-27a expression and ferroptosis in the early stage of ischemic stroke of rats

ZHANG Jing, SUN Hui, ZHU Lijun, FENG Ziren, DU Lin, MENG Aiguo(595)

Study on the protective effect of dimethyl fumarate on myocardial ischemia/reperfusion injury by regulating the iron death pathway mediated by Nrf2-GPX4 in rats

CHEN Yu, SU Jianjun, HAN Yun, LI Ying, ZHANG Lunmin, YANG Yi, HUANG Bo(601)

Clinical Research

The predictive value of red cell distribution width for postoperative lung infection in elderly patients with hip fracture

ZHANG Yu, SUN Wei, SUN Weichao, JIANG Luoyong, YANG Shiwei(608)

The diagnostic values of closed, ultrasound-guided and medical thoracoscopic pleural biopsy in tuberculous pleurisy
BAO Xiaoli, TAO Tao, TANG Nan(613)

Relationship between preprotein invertase subtilisin 9 and recent adverse cardiovascular events in elderly patients with chronic heart failure
WANG Xiaojie, LI Yuanyuan, LI Xueshan.....(618)

The expression of serum IGFBP-2 in patients with esophageal cancer and its relationship with nutritional status and prognosis
BAI Chengyun, LI Zhongcheng, LI Wenjun, LIU Yang(622)

Relationship between blood pressure variability and ambient temperature variation in patients with hypertension complicated with acute ischemic stroke
YAN Yu, WANG Xiaowen, GU Yumeng, XUE Juanjuan, XIA Xiaoshuang, WANG Lin, LI Xin(627)

Study on the relationship between methylation of MTHFR promoter methylation and diabetic nephropathy
CHEN Lingzhi, ZHONG Kaiyi, CHEN Liguo(633)

Clinicopathological significance of histological subtypes in papillary thyroid microcarcinoma and its correlation with cervical lymph node metastasis
YANG Shaoshi, ZHOU Yang, CHAI Ciman, SUN Ning, WANG Hong, SUN Yu(638)

Applied Research

Analysis of prognostic factors in Trousseau syndrome with acute cerebral infarction based on LASSO regression
TIAN Yu, DUAN Ranran, ZHAO Xinyu, LI Yanfei, FAN Chenghe, ZHANG Yilin, WANG Xiaofang.....(643)

Clinical application of automated titration guided by EEG wavelet index
HE Shifeng, ZHU Zefei, ZHANG Wanyue, YANG Guanyu, ZHENG Hongyu, SUN Zhenao(648)

Predictive value analysis of up-to-7 criteria and Milan criteria on the prognosis of patients with multifocal hepatocellular carcinoma after liver resection
ZHANG Yu, WU Lijun, MA Liang, WU Feixiang, XIANG Bangde, LI Lequn.....(653)

Drug Clinical Evaluations

A comparative study on different administration methods of dexmedetomidine in the prevention of negative postoperative adverse behavior in children
WANG Zhifen, ZHANG Yanjun, LIU Jinzhu(658)

Effects of liraglutide combined with insulin degludec on blood glycemic variability in patients with type 2 diabetes mellitus
YAO Mingyan, ZHANG Jing, WANG Jie, LI Zhihong, YIN Fei.....(663)

Review

Research progress of the protective effect and mechanism of C-phycoerythrin on liver injury
LYU Kangning, WANG Lei, QIN Song, WANG Li(668)